Philips
LCD widescreen monitor

19" wide
WXGA+

190C1SB

Stylish, feature-packed display for computer entertainment

Stylish design and a host of smart features like SmartResponse and SmartImage elevate your viewing pleasure to new heights: be it gaming or Internet, the 190C1 is your best computer entertainment choice.

Best picture quality
- SmartResponse of 2 ms
- SmartContrast 30000:1 for incredible rich black details
- SmartImage: Optimised user-friendly display experience

Designed for elegance
- Glossy finish to enhance your decor
- Small footprint to blend into any lifestyle

Environmentally friendly green design
- Complies with TCO'06 safety and visual ergonomics standard
- Energy Star for energy efficiency and low power consumption
- Eco-friendly materials meet major International standards

Great convenience
- Dual input accepts both analogue VGA and digital DVI signals
- USB port for convenient peripheral connections
- Hassle-free display performance tuning with SmartControl II

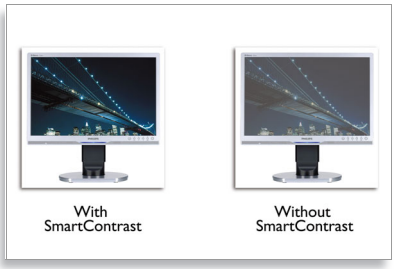
PHILIPS
sense and simplicity

LCD widescreen monitor
19" wide WXGA+

190C1SB/00

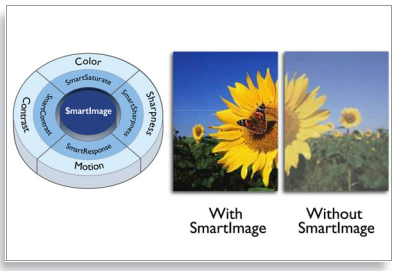
Highlights

SmartContrast ratio 30000:1



You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight-boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent black level and accurate rendition of dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.

SmartImage



SmartImage is an exclusive leading-edge Philips technology that analyses the content displayed on your screen. Based on a scenario you select, SmartImage dynamically enhances the contrast, colour saturation and sharpness of images and videos for ultimate display performance - all in real time and at the press of a single button.

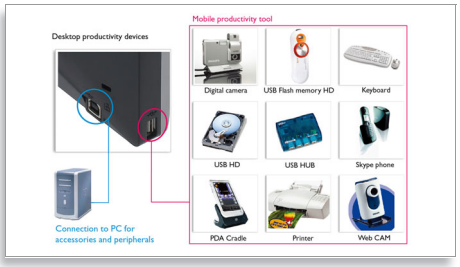
TCO'06 compliance

TCO'06-compliant monitors meet ergonomic, environmental and health standards for multimedia displays created by TCO (the Swedish Confederation of Professional Employees); TCO'06, the most stringent ever, covers requirements for visual ergonomics in multimedia display, including health considerations as well as other features that characterise good quality displays. A TCO'06-compliant display's specifications must meet or exceed TCO'06 standards for visual ergonomics, emissions and energy conservation.

Energy Star

Energy Star-labelled home electrical products are designed to use less energy - saving you money while reducing environmental pollution. In fact, Energy Star-compliant products consume less than 1 watt of power whilst in standby mode. As an Energy Star partner, Philips develops products that meet the Energy Star guidelines for energy efficiency. This is achieved by having low standby power consumption through innovatively designed standby circuitry and stringent selection of components made with high efficiency materials.

USB 2.0 port



The USB port allows the user to conveniently connect their plug and play multimedia devices such as USB memory devices, camera, portable HDD, Web camera, PDA, Printer and many other devices that use USB connection. The conveniently located USB 2.0 port on the monitor allows USB 2.0 signals to pass through to the computer. Note that many devices like cameras and HDD may need to be powered on independently, as they have higher power requirements than the monitor USB port can provide.

SmartControl II

SmartControl II is monitor-based software with an easy-to-use on-screen graphic interface that guides you through fine-tuning resolution, colour calibration and other display settings including brightness, contrast, clock & phase, position, RGB, white point and - on models with onboard speakers - volume adjustments.

Specifications

Picture/Display

- LCD panel type: TFT-LCD
- Panel Size: 19 inch/48.1 cm
- Aspect ratio: 16:10
- Pixel pitch: 0.285 x 0.285 mm
- Brightness: 250 cd/m²
- SmartContrast: 30000:1
- Contrast ratio (typical): 1000:1
- SmartResponse: 2 ms (Grey to Grey)
- Response time (typical): 5 ms
- Optimum Resolution: 1440 x 900 @ 60 Hz
- Viewing angle: 176° (H)/170° (V), @ C/R > 5
- Picture enhancement: SmartImage
- Display colours: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H)/56 -75 Hz (V)
- sRGB

Connectivity

- Signal Input: VGA (Analogue), DVI-D
- USB: USB 2.0 x 1
- Sync Input: Separate Sync, Sync on Green

Convenience

- User convenience: SmartImage, Brightness, Menu, Input, Auto, Auto picture, Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese, Turkish
- Other convenience: VESA mount (100 x 100 mm), Kensington lock
- Plug & Play Compatibility: DDC/CI, Windows 98/ 2000/XP/Vista, Mac OS X

Stand

- Tilt: -5/+20 degree

Power

- On mode: TBC
- Off mode: <0.5 W
- Power LED indicator: Operation - White, Standby/ sleep-white (flashing)
- Power supply: Built-in, 100-240 VAC, 50/60 Hz

Dimensions

- Product with stand (mm): 368 x 443 x 170 mm
- Product without stand (mm): 299 x 443 x 65 mm
- Packaging in mm (WxHxD): 418 x 495 x 142 mm

Weight

- Product with stand (kg): 3.8 kg
- Product without stand (kg): 3.5 kg
- Product with packaging (kg): 5.1 kg

Operating conditions

- Temperature range (operation): 0 to 40 °C
- Temperature range (storage): -20 to 60 °C
- Relative Humidity: 20–80% %
- MTBF: 50,000 hour(s)

Sustainability

- Environmental and energy: Energy Star, RoHS

Compliance and standards

- Regulatory Approvals: CE Mark, FCC, Class B, SEMKO, TCO '06, UL/cUL

Cabinet

- Colour: Black
- Finish: Glossy

Issue date 2009-08-13

Version: 2.0.7

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